

OREGON CROP WEATHER



Oregon
Agricultural
Statistics
Service

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Weather: Hot and dry temperatures prevailed all week, which was great weather for field activities. Low temperatures were mainly in the forties and fifties, with a few lows in the thirties reported in south central and northeastern areas of the State. High temperatures were very similar to last week across Oregon, ranging from 65 degrees Fahrenheit in Bandon to 104 degrees Fahrenheit in Hermiston, Medford, and The Dalles. Dry lightning moved throughout the northeastern region on Sunday night. Only six weather stations reported precipitation last week.

Field Crops: Warm and dry weather created very good conditions for harvesting small grain and grass seed crops. Producers were also busy last week irrigating crops and putting up hay. As of July 31, 55 percent of the winter wheat was harvested statewide, slightly ahead of the 5-year average. Grass seed harvest was winding up in Polk County. Field corn was beginning to form tassels in Washington County.

Livestock, Range and Pasture: Rangeland and dryland pastures continued to stress under the effects of high temperatures and little rain. Several wild fires started by lightning were burning on rangeland causing some producers to move cattle. The dry conditions continued to threaten even more rangeland in areas where the fire safety index remains high. Water was getting short in some areas with producers hauling water to livestock. Some wells in the drier areas were starting experience flow problems. Livestock were reported as doing well in the hot conditions.

Nurseries and Greenhouses: Nurseries irrigating and doing summer maintenance. Nursery people were also training and tying up young trees. Rotating large containers, machine digging and balling large trees were examples of nursery work ongoing now.

Vegetables: Summer vegetables were available in local markets. Green bean picking continued across the State. There was some early corn available in Clackamas County. Broccoli was set out and being irrigated. In southern Oregon, the potato crop is 35% flowering and 60% rows closed. In eastern Oregon, potatoes were utilizing the available heat units.

Fruits and Nuts: There were very few raspberries left in the northern Willamette Valley, but still available in the south Valley. Marionberry harvest was nearly finished in the north Valley while blueberry harvest was nearly finished in the southern Willamette Valley. Evergreen blackberry harvest was getting underway in the north; warm weather was causing sunburn to blackberries in the south Valley. Blueberries and raspberries were harvested in southern Oregon. Strawberry fields were being mowed and renovated. Walnuts and hazelnuts continued to size. Peach harvest continued throughout the Willamette Valley. It looks to be a short apple crop in the Valley. Apricots, peaches, and a few cherries were picked in Wasco County.

Soil Moisture-Week Ending 07/31/05

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	23	48	28	1
Subsoil	25	36	39	0

Crop Progress-Week Ending 07/31/05

Crop	This week	Last week	Last year	5 year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat harvested	55	29	46	51
Barley harvested	56	-	29	39
Spring wheat harvested	45	20	21	33
Days suitable for fieldwork	7.0	7.0	7.0	6.8

Crop Condition-Week Ending 07/31/05

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	2	10	22	44	22
Spring wheat	19	24	21	30	6
Barley	6	14	15	46	19
Range and pasture	6	9	38	42	5

WESTERN OREGON

BENTON/LINN/LANE: Grass seed being harvested and fields being flailed and burned as weather permits. Early harvest yields on most crops are below average. Tetraploid Ryegrass seed approx 1 ton/acre. Hay crop is seeing above average yields of 4 - 6 tons/acre. Peppermint is a week away from windrowing. Peaches are a nice crop this week. Early Lodi and transparent apples are a small crop. Blueberries are nearing end of season except for late varieties; season is mostly over. Raspberries are continuing to look OK. Warm weather was causing sun burn to blackberries. Cole crops bolting due to hot weather. No corn yet, maybe some next week. Crops now being affected by too hot of weather.

CLACKAMAS: A few late persons still making grass hay (quite mature). Marionberries near completion, while evergreens are getting underway. Many strawberry fields are being mowed and renovated. Summer vegetables are now prevalent in local markets. Green bean picking is underway. Some early corn is ready. Nurseries are irrigating and doing summer maintenance. Livestock are in good condition. Dryland pastures are starting to show some of the effects of higher temperatures and no rain.

COOS/CURRY: Hay/haylage production continued all week with good weather and hot breezy afternoons. Quantity of hay appears near normal, extended wet weather appears to have damaged quality in some areas. Brookings (Curry): Low temp for the period was 49.75 degrees, 0.70 degrees above the 5-year average. High temp for the period was 81.80 degrees, 6.50 degrees above the 5-year average. Precipitation for the period was 0.0 inches, compared to a 5-year (including drought years 2001-2004) average of 0.23 inches. Weather year precipitation stands at 74.32 inches, 8.4 inches above the 5-year average (including drought years 2001-2004). Historical average (through July) is 70.49 inches precipitation. Bandon (Coos & Northern Curry): Low temp for the period was 50.35 degrees, 0.23 degrees below the 5-year average. High temp for the period was 65.33 degrees, 0.78 degrees below the 5-year average. Precipitation for the period was 0.0 inches compared to a 5-year average (including drought years 2001-2004) of 0.06 inches. Weather year precipitation stands at 51.88 inches, 3.82 inches above the 5-year average (including 4 drought years, 2001 – 2004, and still 6.04 inches below the historic average of 57.92 inches (through July).

DOUGLAS: Wheat harvest is over as is grass seed and hay crops. With very warm temperatures, orchards, vineyards and nursery crop people are busy keeping all their crops well irrigated. Nursery people are also training and tying up young trees.

JACKSON: Another hot week without any moisture, which is good for haying. Lots of irrigation to keep crops growing until harvests. Lots of outdoor work at most all farms and ranches. Grain harvest started. Still lots of haying and most first cutting of grass hay are now done. Second

cutting of alfalfa underway. Apples and pears looking quite good. Some early varieties, mostly bartletts, about ready for harvest. Vineyards are also looking quite good. Wild blackberries being picked. Looks like a good crop if they get enough water. Local growers markets now have lots of fresh vegetables for sale. Local early corn is now being sold. Tomatoes are having good growth, and some will be ready soon. Greenhouse activities include summer clean up, and nurseries are busy with watering, feeding, cultivating, and weeding of new stocks. Cattle still doing quite well, but dry ground pasture is really dried up. Most livestock now on irrigated ground. Spring calves are looking quite good.

JOSEPHINE: Very hot and dry with afternoon winds. Livestock holding up well. Truck gardeners are selling some local produce now and are busy trying to keep fields watered. Business is good. Blueberries and raspberries are being harvested at a good rate and are plentiful. Hay fields are all under irrigation again. There were some local fires, but they were quickly suppressed.

MARION: Warm to hot days provided a good week for combining grass seed, some field burning was also done. Soil moisture conditions were adequate. There were seven days suitable for fieldwork. Crop conditions were fair. Harvest continues for vegetable and berry crops. Irrigation crops are growing well. Snap beans are being harvested. Grass seed is being harvested and wheat is just beginning to be combined. Nurseries are having to apply additional water in the current heat wave.

MULTNOMAH: Raspberries are all but done. Maybe a cheesecake's worth left. The spring wheat looks like it's about two weeks behind the winter wheat.

POLK: Grass seed harvest is winding up. Harvest of wheat and other grains has started. Weather has been hot and dry.

WASHINGTON: Field corn is near tassel stage. Beets for seed are maturing well. Winter wheat harvest is underway. Alfalfa second cutting is done, while grass seed harvest is ongoing and straw is being baled. Blueberries and strawberries ongoing. Rhubarb being picked; walnuts and filberts are sizing. Short crop prospects for apples, and prunes are thin. Sweet corn is tasseling, cucumbers are edible, and broccoli is set out and being irrigated. Nursery and greenhouse activities included rotating large containers and machine digging and balling large trees. Livestock look good, and pastures are drying.

YAMHILL: Warm weather is increasing irrigation demand. Hot, hot, hot this week. Red clover is blooming and bees are working. Grass seed harvest is in full swing with reports of average crops. Lots of rodent damage being reported. Heat is keeping the blueberries from sizing properly. Peach harvest continues.

EASTERN OREGON

BAKER: Hot and dry weather conditions continue. Lighting strikes have caused numerous wildfires around the County this past week. If fires persist range conditions will be threatened. Second cutting of hay is underway for producers on stored water systems.

CROOK/DESCHUTES/JEFFERSON: Grass seed harvest is in full swing this week (and previous week) in Jefferson County. Producers are talking about getting ready for Garlic seed harvest, projecting starting during the week of August 8th. Grain harvest has not begun yet. There is hay being harvested in all three counties. Thunder showers came through Crook County Sunday evening. Thunder showers predicted for Monday afternoon in central Oregon, then it is supposed to continue to be hot and dry the rest of the week.

GILLIAM: Grass condition in North Gilliam County is poor and getting worse due to lack of moisture. Conditions of spring recropped commodities appear to be below normal to very poor.

KLAMATH: Warm weather continues with favorable overnight temperatures. Second cutting hay well underway. Potato crops blooming. They are 35% flowering, and 60% rows closed. Some grain crops nearing maturity.

LAKE: Hot temperatures for the entire week and weekend (upper 90's) with no precipitation. Second cutting of alfalfa has started in some areas of the County. Some producers have also started harvesting their grain hay.

MALHEUR: Hot weather has every thing growing well. Several wildfires are burning on rangeland causing some cattle to be moved. Irrigation water is holding well.

MORROW: Hot and dusty! Wheat harvest is nearly complete. New winter varieties (ORCF-101 and Tubbs) are performing well. Yields on summer fallow ground are ranging from 35 to 52 bu/ac, depending on location. Yields on annual crop fields are terrible (5 to 10 bu/ac). "Dry" lightning moved through the region Sunday night. No report of fires at the present time.

SHERMAN: Hauling water to livestock and most of the range did not receive timely rains to experience but a very short green up. Feed is limited and water is short. Some domestic wells reporting flow

problems. Wheat harvest continues with some yields in the low to mid 90 bushel range and many are 20 bushels over long term average, with a few exceptions. While a couple hit the mid-80's range others are going 20-25 bushels (long term average for conventional wheat is 45), and the spring planted wheat is worse with some yields reported in mid-single digit range or fields simply left uncut. Some spring recrop barley planted as a clean-up crop is just over ankle high. It is not so short that harvest would be impossible, but it looks very impractical. May rains were enough to get it started, but not enough to sustain it. About 2000 acres are expected to be left unharvested. Short thunderstorm a week ago delayed harvest for a day and a half despite little, spotty rainfall. Wheat picks up enough dew in early a.m. that harvest is not starting very early. One OSU numbered research variety averaged 100 bushel per acre at Sherman Experiment Station. Grain prices are not good.

UMATILLA: Wheat harvest about 75 percent complete. Yields are all over the board with early seeded up and late seeded yields down.

UNION: Continued hot weather this week has facilitated excellent grass seed threshing conditions. Kentucky bluegrass and fine fescue grass seed harvest nearing completion. Second cutting hay nearing completion, as well as, wheat harvest. Potatoes, sugarbeet, field corn, and oil seed crops utilizing available heat units. Small grain harvest has begun in a few areas. Peppermint swathing started. Sweet cherry harvest nearing completion. Dry thunderstorms with lightning started a large rangeland fire in the southern region of Union County near North Powder and smaller fires in the Wallowa-Whitman National Forest. More thunderstorms are forecast for early next week.

WALLOWA: Still very hot with little moisture received. Producers are gearing up for harvest and second cutting hay.

WASCO: High temperatures prevailed all week. One small grain harvest occurred Saturday in the Five Mile area. Fire danger is high in all grain harvest areas. Wheat harvest is estimated to be fifty percent completed by weeks end. Yields still look good on normal, two year rotations, however, annual cropped, dry land wheat is yielding poorly. The Dufur Threshing Bee will be held during the August 13th weekend. Alfalfa hay growers were active putting up hay and watering for third cutting. Apricots, peaches and a few cherries were being picked. Most livestock seem to be doing well in the hot weather. Pastures and water getting short in some areas of the County.

Weather data for selected stations in Oregon, Week ending: July 31, 2005 (as of 11:00 am)

Station	Air temperature ¹				Growing ² Degree days		Last week precip. ³			Season cum. Precipitation ⁴			
	Low	High	Avg.	DFN	Total	DFN	Total Inches	DFN	Days	Total Inches	DFN	Pct. Normal	Days
COASTAL AREAS													
Astoria/Clatsop	52	79	63	+3	94	+17	-	-0.21	-	60.96	-4.04	94	182
Bandon ⁵	50	65	58	-2	57	-6	-	-0.08	-	57.42	-0.46	99	161
Crescent City	47	67	56	-4	41	-21	0.02	-0.07	2	56.16	-8.05	87	131
Florence	42	77	60	-1	72	-3	-	-0.16	-	65.34	-9.71	87	166
Tillamook	43	80	59	+0	65	+2	-	-0.28	-	73.77	-13.01	85	182
WILLAMETTE VALLEY													
Aurora ⁵	51	96	74	+7	167	+48	-	-0.14	-	32.02	-8.03	80	160
Corvallis	52	100	74	+8	144	+26	-	-0.11	-	20.52	-21.25	49	120
Detroit Lake ⁵	49	102	74	+11	172	+74	-	-0.18	-	41.63	-24.57	63	115
Eugene	47	97	72	+4	154	+28	-	-0.13	-	26.31	-21.93	55	145
Hillsboro	48	97	71	+5	151	+33	-	-0.14	-	26.56	-9.90	73	157
McMinnville	50	97	73	+7	160	+41	-	-0.08	-	25.03	-17.38	59	158
Portland	56	93	75	+6	175	+42	-	-0.14	-	28.03	-7.13	80	161
Salem	49	98	73	+7	166	+47	-	-0.09	-	26.65	-11.71	69	141
SW VALLEYS													
Grants Pass	54	102	78	+6	194	+35	-	-0.07	-	28.86	-1.65	95	112
Medford	53	104	80	+7	211	+43	-	-0.07	-	17.78	-0.54	97	97
Roseburg	54	98	76	+7	183	+44	-	-0.07	-	28.45	-3.59	89	121
NORTH CENTRAL													
Condon	47	96	72	+6	153	+34	-	-0.10	-	11.32	-1.99	85	94
Echo ⁵	48	102	78	+5	199	+31	-	-0.07	-	5.25	-3.29	61	102
Heppner	51	98	75	+5	178	+38	-	-0.07	-	10.71	-2.49	81	105
Hermiston	49	104	78	+5	194	+26	-	-0.07	-	6.03	-2.51	71	66
John Day	48	96	72	+3	153	+17	0.20	0.06	1	11.90	-0.45	96	112
Madras ⁵	45	97	72	+5	157	+31	-	-0.08	-	9.38	-0.48	95	110
Moro	50	100	73	+5	165	+32	-	-0.07	-	8.76	-1.87	82	96
Parkdale ⁵	44	97	70	+2	138	+12	-	-0.07	-	20.41	-9.79	68	139
Pendleton	53	101	77	+4	193	+25	-	-0.07	-	8.80	-2.68	77	94
The Dalles	55	104	80	+13	211	+87	-	-0.07	-	9.19	-2.80	77	91
SOUTH CENTRAL													
Agency Lake ⁵	45	92	71	+8	152	+54	-	-0.08	-	13.39	-2.05	87	86
Bend	42	97	69	+6	136	+38	-	-0.11	-	12.43	1.33	112	80
Burns	37	95	70	+3	140	+21	-	-0.10	-	12.62	3.34	136	99
Christmas Valley ⁵	33	96	67	-3	119	-17	0.07	-0.03	1	10.36	-1.40	88	92
Klamath Falls	43	92	70	+1	139	+7	-	-0.08	-	11.43	-1.43	89	83
Klamath Falls ⁵	43	92	70	+2	140	+8	-	-0.08	-	10.69	-2.17	83	116
Lakeview	48	95	70	+3	140	+15	-	-0.07	-	7.90	-7.16	52	65
Lorella ⁵	40	94	68	-2	130	-2	-	-0.08	-	12.72	-0.14	99	126
Redmond	40	100	71	+5	148	+29	-	-0.10	-	9.76	1.76	122	86
Worden ⁵	38	91	66	-4	112	-20	-	-0.08	-	10.65	-2.21	83	99
NORTHEAST													
Baker City	38	95	68	+1	129	+3	-	-0.14	-	10.34	0.44	104	93
Joseph	45	94	70	+9	139	+62	-	-0.17	-	18.26	-5.43	77	128
La Grande	43	97	71	+0	150	+4	0.02	-0.12	1	11.99	-4.49	73	95
Prairie City ⁵	39	94	67	+6	124	+46	0.32	0.18	1	13.45	-6.40	68	90
Union	44	97	70	+3	143	+17	-	-0.14	-	14.50	1.70	113	107
SOUTHEAST													
Ontario	49	99	75	-3	177	-12	-	-0.06	-	7.73	-1.49	84	61
Rome	43	98	74	+2	168	+7	0.06	-0.01	1	8.02	0.25	103	73

¹ Air temperature in degrees Fahrenheit. ² Growing degree days base-50 degrees Fahrenheit. ³ Precipitation (rain or melted snow/ice) in inches. ⁴ Season cumulative precipitation starts September 1, 2004. ⁵ Agri-Met weather stations.

DFN=Departure from normal (using 1961-1990 normals period).
Precipitation days = Days with precipitation of 0.01 inch or more.

Summary based on NWS data.
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